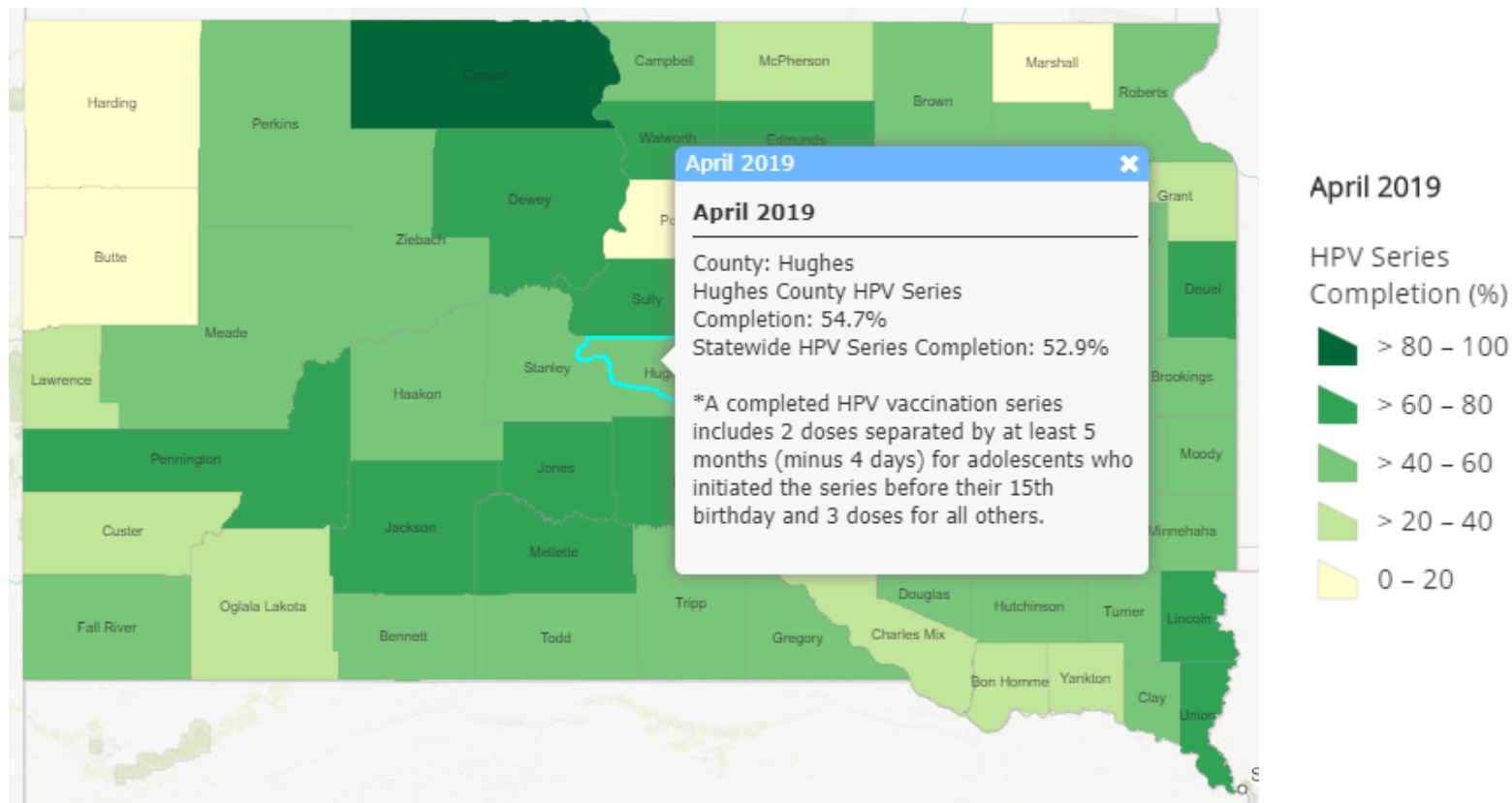


Health and Disease Summary

June 2019



County-Level HPV Vaccination Coverage Rate Maps Available for SD



The South Dakota Department of Health (SDDOH) is pleased to announce the release of interactive maps featuring county-level HPV vaccination rates in SD. These maps feature rates for [≥1 dose](#) and [series completion](#) and will be updated quarterly with the most current data. HPV vaccination print resources are also available [for order](#), free of charge: HPV vaccination brochure with reminder magnet (SDCCCP030) and an infographic poster (SDCCCP039). For additional HPV vaccination resources visit: <https://doh.sd.gov/HPV/>.



South Dakota Infectious Disease Summary 2019

Disease/Agent	Cases YTD	Rate	5-Year Median YTD	Percent change
Campylobacter	302	34.2	200	+51%
Carbapenem-resistant Enterobacteriaceae	26	2.9	23	+13%
Chlamydia	2291	259.7	2175	+5%
Coccidioidomycosis	4	0.5 [‡]	4*	+0%
Cryptosporidiosis	81	9.2	58	+40%
Cyclosporiasis	0	0.0 [‡]	0	--
E. coli, shiga toxin-producing	59	6.7	27	+119%
Ehrlichiosis	0	0.0 [‡]	0	--
Giardiasis	35	4.0	51	-31%
Gonorrhea	918	104.1	575	+60%
Haemophilus influenzae, invasive	13	1.5 [‡]	8*	+63%
Hepatitis A	6	0.7 [‡]	0	--
Hepatitis B, chronic	23	2.6	23	+0%
Hepatitis C, acute and chronic	272	30.8	303	-10%
HIV, including Stage III (AIDS)	12	1.4 [‡]	17	-29%
Legionellosis	9	1.0 [‡]	4	+125%
Listeriosis	0	0.0 [‡]	0	--
Lyme disease	3	0.3 [‡]	3	+0%

YTD: Year-to-Date Rate: Cases per 100,000 population 5-Year Median: 2014–2018 (* Denotes 3-Year Median: 2016–2018)

‡ Unstable rate based on <20 observations



South Dakota Infectious Disease Summary 2019

Disease/Agent	Cases YTD	Rate	5-Year Median YTD	Percent change
Malaria	2	0.2 [‡]	4	-50%
Measles	0	0.0 [‡]	0	--
MRSA, invasive	67	7.6	74	-9%
Pertussis	89	10.1	10	+790%
Pneumococcal disease, invasive	67	6.6	63	+5%
Q fever	5	0.6 [‡]	3	+67%
Rabies, animal	3	NA	12	-75%
Salmonella	76	8.6	107	-29%
Shigella	6	0.7 [‡]	16	-63%
Spotted fever Rickettsiosis	2	0.2 [‡]	2	+0%
Syphilis, early	14	1.6 [‡]	29	-52%
Toxic shock syndrome	0	0.0 [‡]	--	--
Tuberculosis	7	0.8 [‡]	7	+0%
Tularemia	5	0.6 [‡]	6	-17%
Varicella	21	2.4	14	+50%
Vibriosis	0	0.0 [‡]	0*	--
West Nile Virus	1	0.1 [‡]	6	-83%

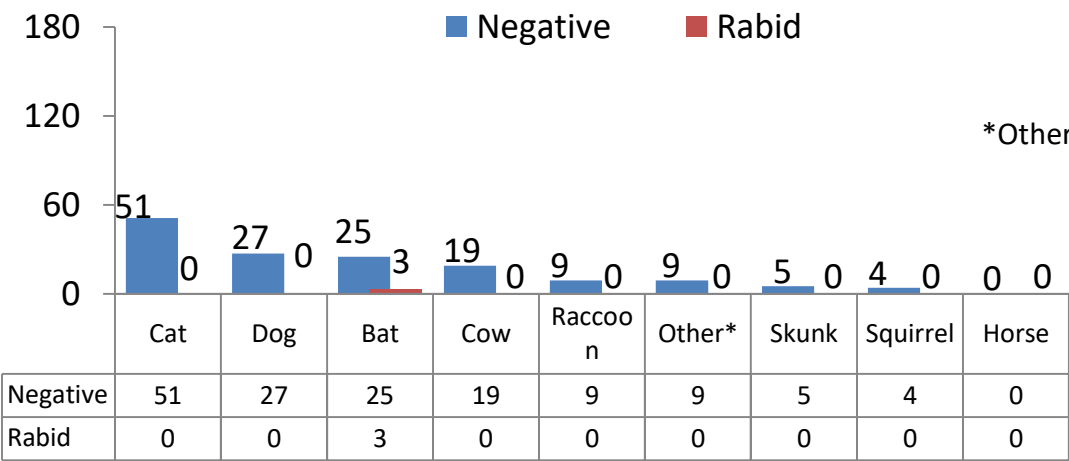
YTD: Year-to-Date Rate: Cases per 100,000 population 5-Year Median: 2014–2018 (* Denotes 3-Year Median: 2016–2018)
‡ Unstable rate based on <20 observations

Rabies

Rabies is a fatal, but preventable, disease of mammals most often transmitted through the bite of a rabid animal.

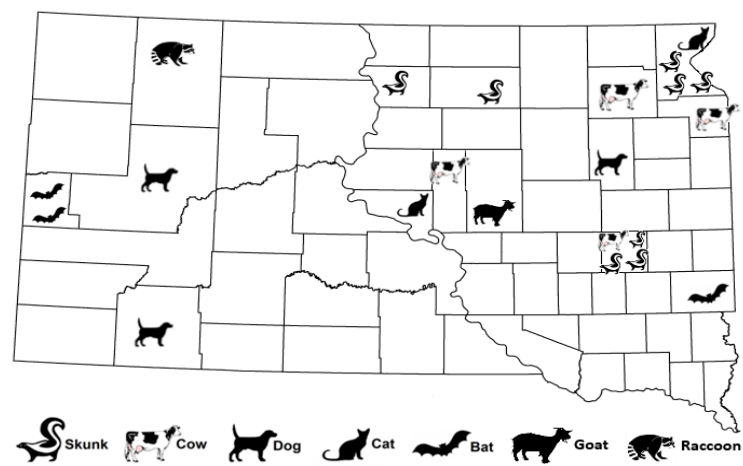
Counties

Minnehaha: Bat(3)

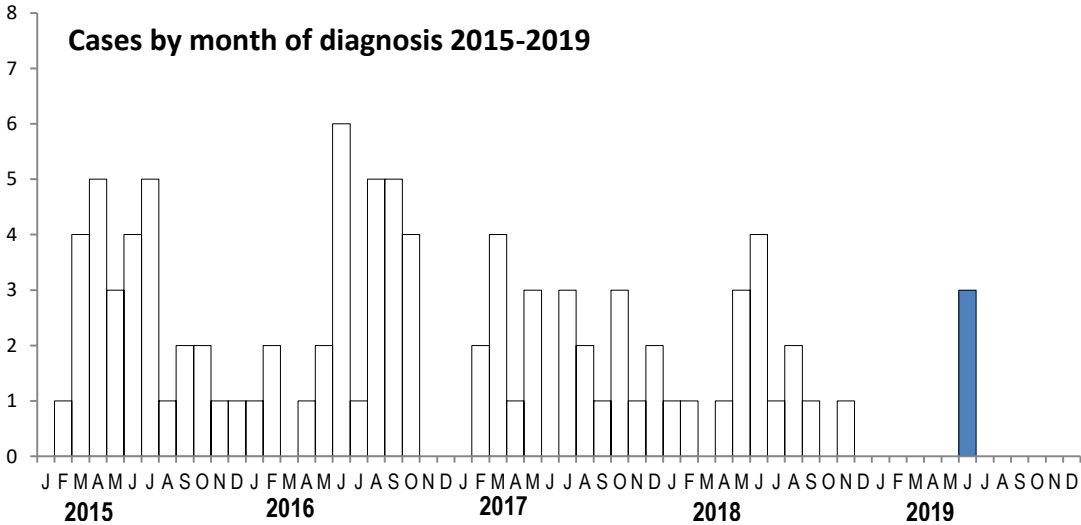


*Other: coyote (1), donkey (1), fox (1), muskrat (4), opossum (2)

Animal Rabies in South Dakota, 2017 (N=22)

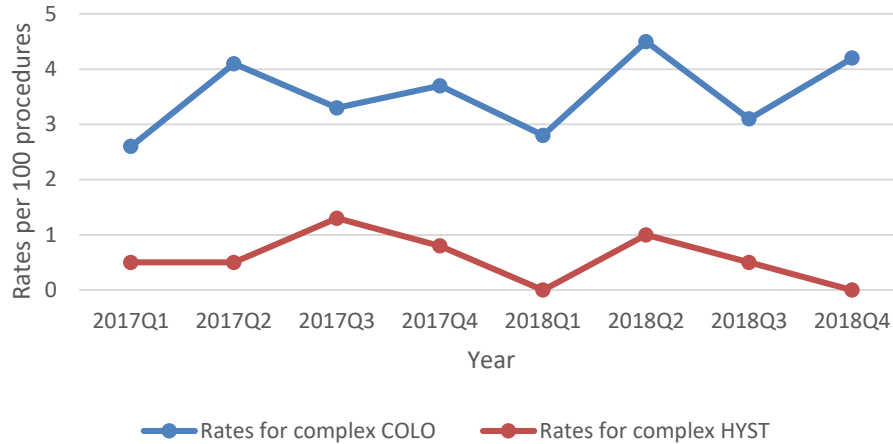


Cases by month of diagnosis 2015-2019

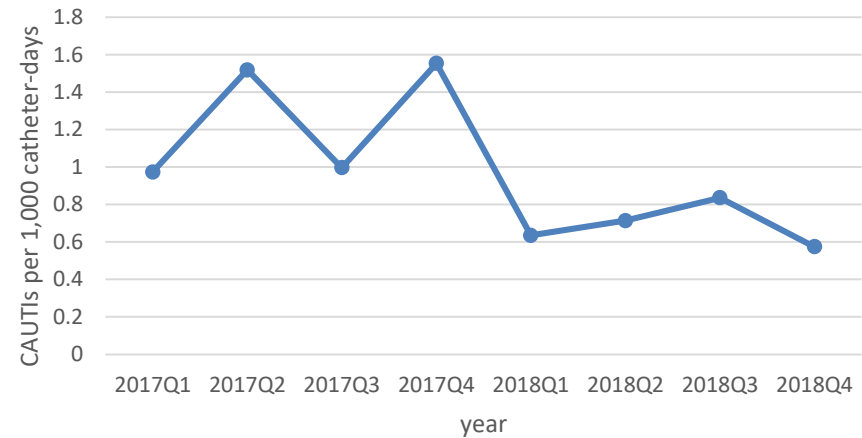


National Healthcare Safety Network

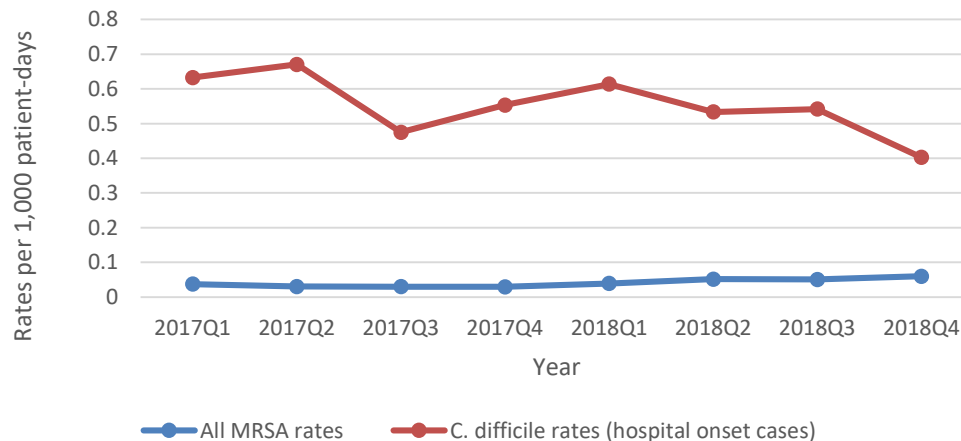
Surgical site infections. Complex COLO and HYST rates, Acute care hospitals, 2017-2018



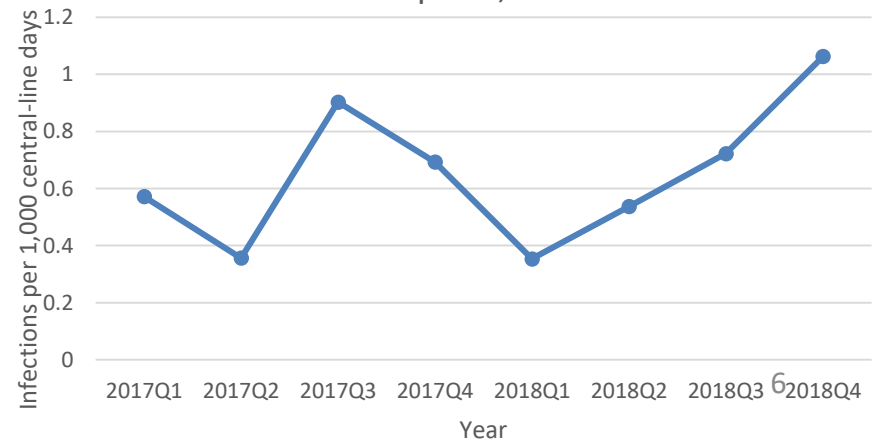
CAUTI rates per 1,000 catheter-days, Acute care hospitals, 2017-2018



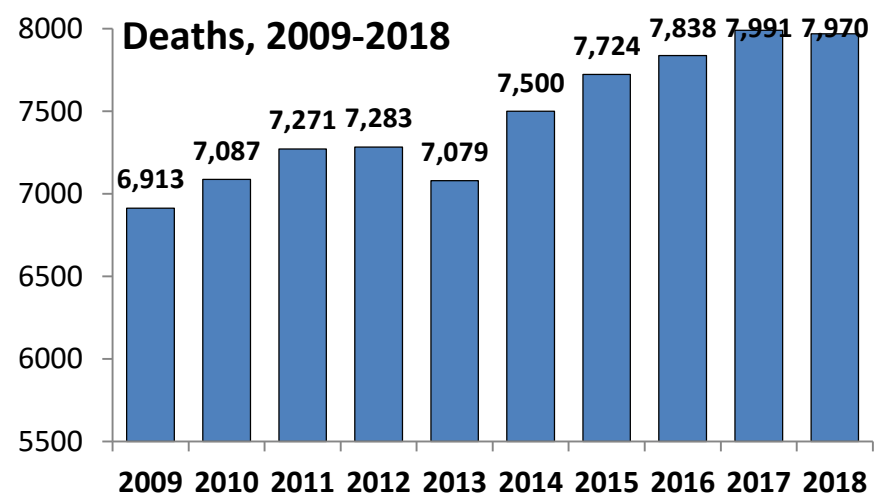
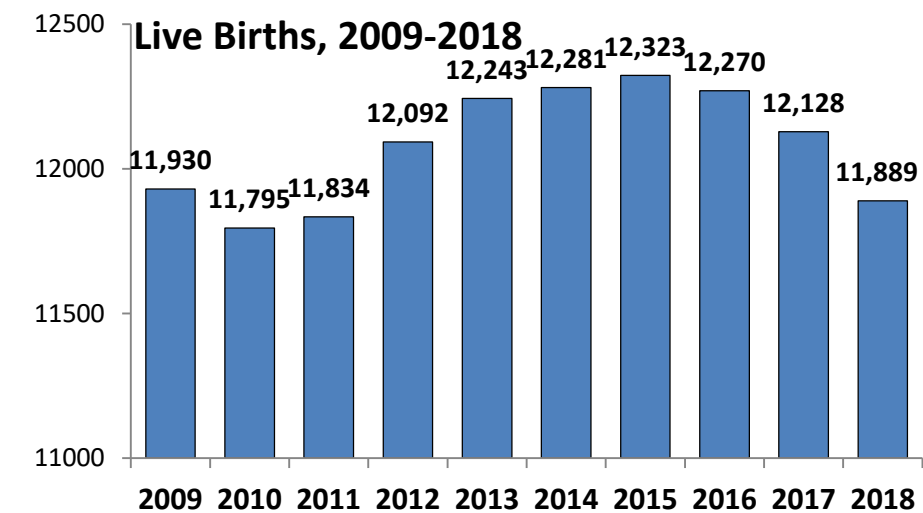
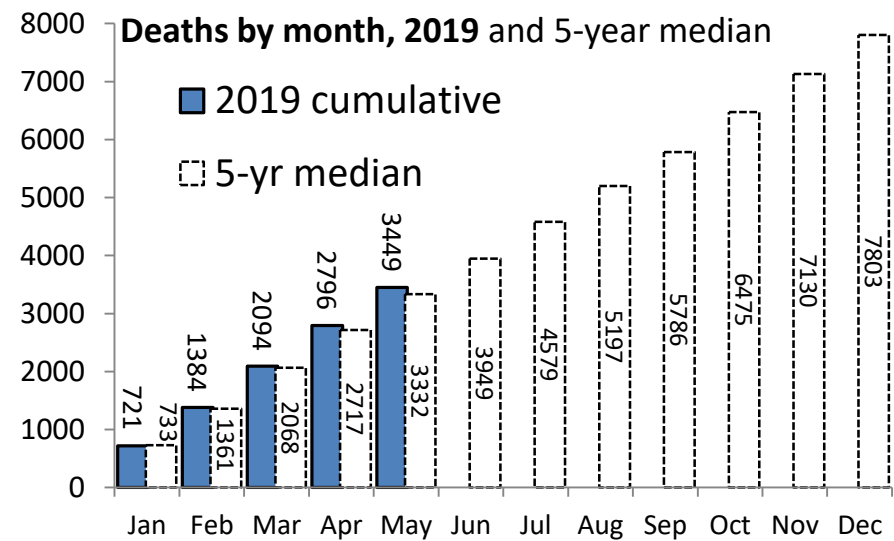
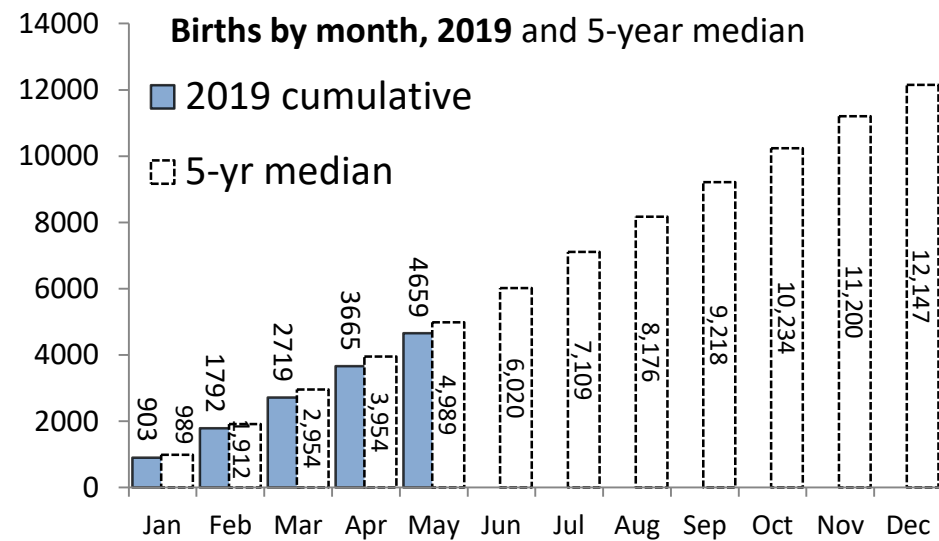
MRSA and C. difficile LabId event rates per 1,000 patient-days, Acute care hospitals, 2017-2018



CLABSI rates (number of infections*1000/number of central line days), Acute care hospitals, 2017-2018



Births and Deaths, South Dakota, 2019



South Dakota Department of Health

doh.sd.gov/strategicplan

Vision **Healthy** People
Healthy Communities
Healthy South Dakota

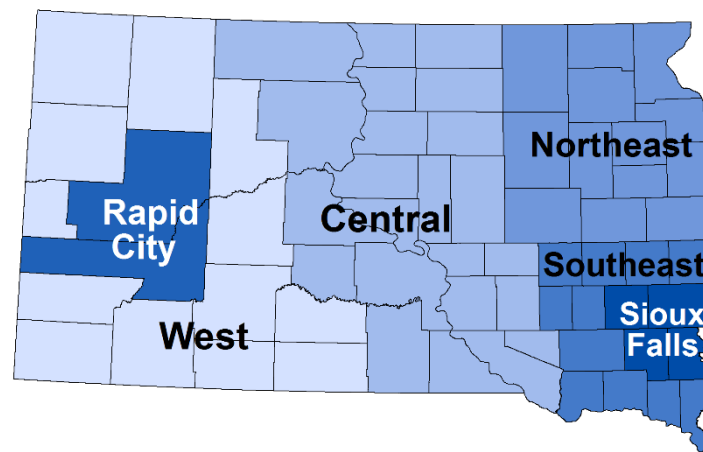
Mission **To promote, protect and improve the health of every South Dakotan**

Guiding Principles

- Serve** with integrity
- Eliminate** health disparities
- Demonstrate** leadership and accountability
- Focus** on prevention and outcomes
- Leverage** partnerships
- Promote** innovation

South Dakota Regions

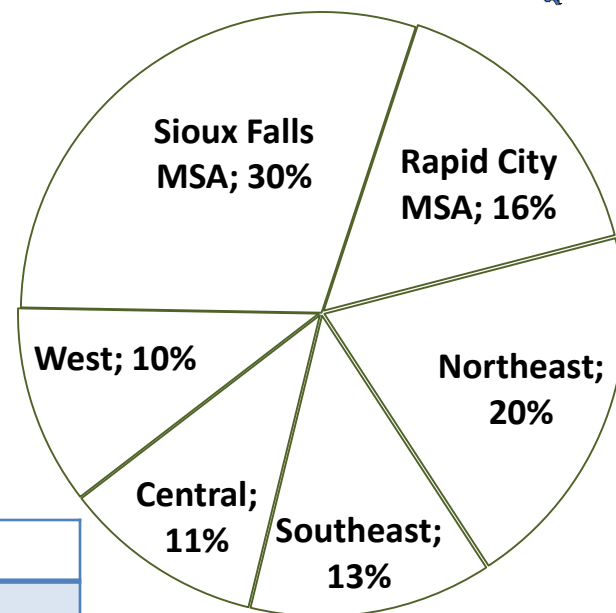
Region	Population	%	Area (sq miles)	Density (people per sq mile)
Sioux Falls MSA*	265,653	29.8%	3,141	84.6
Rapid City MSA*	140,023	15.9%	6,247	22.4
Northeast	175,258	19.8%	12,277	14.3
Southeast	114,333	13.0%	5,863	19.5
Central	93,281	10.8%	24,860	3.8
West	93,687	10.7%	23,508	4.0
South Dakota	882,235	100%	75,896	11.6



*Metropolitan Statistical Area

Age Group	2017 Population	%
<1 year	12,257	1%
1–4 years	49,502	6%
5–14 years	119,675	14%
15–24 years	116,225	13%
25–39 years	168,141	19%
40–64 years	262,242	30%
>65 years	141,624	16%

Region	Population
East River	620,995
West River	261,240



Reportable Diseases List

<https://doh.sd.gov/diseases/infectious/reporting.aspx>

Monthly surveillance reports

<http://doh.sd.gov/statistics/surveillance>

How to report infectious diseases

1. Secure disease reporting website: <http://sd.gov/diseasereport>
2. Telephone: **1-800-592-1861** or **605-773-3737** during normal business hours or after hours for Category I diseases.
3. Fax: **605-773-5509**
4. Mail or courier: Office of Disease Prevention, SD Department of Health, 615 East 4th Street, Pierre, SD 57501; marked "*Confidential Disease Report*"

Department of Health publications

- **Public Health Bulletin:** <http://doh.sd.gov/resources/bulletin.aspx>
- **Adult Risk Behaviors:** <http://doh.sd.gov/statistics/>
- **Youth Risk Behaviors** (Dept of Education): <http://doh.sd.gov/statistics/YRBS.aspx>
- **PRAMS** (Pregnancy risk assessment monitoring system) <https://doh.sd.gov/statistics/prams.aspx>